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International  
Congress of Arts and Science  
Universal Exposition, St. Louis

September 19-25, 1904

Programme and List of Speakers

June 1, 1904

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## Purpose and Plan of the Congress

The idea of the Congress grows out of the thought that the subdivision and multiplication of specialties in science has reached a stage at which investigators and scholars may derive both inspiration and profit from a general survey of the various fields of learning, planned with a view of bringing the scattered sciences into closer mutual relations. The central purpose is the unification of knowledge, an effort toward which seems appropriate on an occasion when the nations bring together an exhibit of their arts and industries. An assemblage is therefore to be convened at which leading representatives of theoretical and applied sciences shall set forth those general principles and fundamental conceptions which connect groups of sciences, review the historical development of special sciences, show their mutual relations and discuss their present problems.

The speakers to treat the various themes are selected in advance from the European and American continents. The discussions will be arranged on the following general plan:

After the opening of the Congress on Monday afternoon, September 19, will follow, on Tuesday forenoon, addresses on main divisions of science and its applications, the general theme being the unification of each of the fields treated. These will be followed by two addresses on each of the twenty-four great departments of knowledge. The theme of one address in each case will be the Fundamental Conceptions and Methods, while the other will set forth the progress during the last century. The preceding addresses will be delivered by Americans, making the work of the first two days the contribution of American scholars.

On the third day, with the opening of the sections, the international work will begin. About 128 sectional meetings will be held on the four remaining days of the Congress, at each of which two papers will be read, the theme of one being suggested by the Relations of the special branch treated to other branches; the other by its Present Problems. Three hours will be devoted to each sectional meeting, thus enabling each hearer to attend eight such meetings, if he so desires. The programme is so arranged that related subjects will be treated, as far as possible, at different times. The length of the principal addresses being limited to forty-five minutes each, there will remain at least one hour for five or six brief communications in each section. The addresses in each department will be collected and published in a special volume.

It is hoped that the living influence of this meeting will be yet more important than the formal addresses, and that the scholars whose names are announced in the following programme of speakers and chairmen will form only a nucleus for the gathering of thousands who feel in sympathy with the efforts to bring unity into the world of knowledge.



# Organization of the Congress

Director of Congresses,

HOWARD J. ROGERS.

*Universal Exposition, 1904.*

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## ADMINISTRATIVE BOARD.

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*Professor of Sociology in The University of Chicago.*



## Speakers and Chairmen

### DIVISION A—NORMATIVE SCIENCE

*Speaker:* Professor JOSIAH ROYCE, . . . . . Harvard University.

#### DEPARTMENT 1—Philosophy.

*Chairman:* Professor BORDEN P. BOWNE, . . . . . Boston University.

*Speakers:* Professor GEORGE T. LADD, . . . . . Yale University.  
Professor GEORGE H. HOWISON, . . . . . University of California.

##### Section a. Metaphysics.

*Chairman:* Professor A. C. ARMSTRONG, . . . . . Wesleyan University.

*Speakers:* Professor A. E. TAYLOR, . . . . . McGill University, Montreal.  
Professor ALEXANDER T. ORMOND, . . . . . Princeton University.

##### Section b. Philosophy of Religion.

*Chairman:* Professor THOMAS C. HALL, . . . . . Union Theological Seminary, N. Y.

*Speakers:* Professor OTTO PFLEIDERER, . . . . . University of Berlin.  
Professor ERNST TROELTSCH, . . . . . University of Heidelberg.

##### Section c. Logic.

*Chairman:* Professor GEORGE M. DUNCAN, . . . . . Yale University.

*Speakers:* Professor WILHELM WINDELBAND, . . . . . University of Heidelberg.  
Professor FREDERICK J. E. WOODBRIDGE, . . . . . Columbia University.

##### Section d. Methodology of Science.

*Chairman:* Professor JAMES E. CREIGHTON, . . . . . Cornell University.

*Speakers:* Professor WILHELM OSTWALD, . . . . . University of Leipzig.  
Professor BENNO ERDMANN, . . . . . University of Bonn.

##### Section e. Ethics.

*Chairman:* Professor GEORGE H. PALMER, . . . . . Harvard University.

*Speakers:* Professor WILLIAM R. SORLEY, . . . . . University of Cambridge.  
Professor PAUL HENSEL, . . . . . University of Erlangen.

## DEPARTMENT 1—Philosophy—Continued.

### Section f. Aesthetics.

*Chairman:* Professor JAMES H. TUFTS, . . . . . University of Chicago.

*Speakers:* Mr. HENRY R. MARSHALL, . . . . . New York City.

Professor MAX DESSOIR, . . . . . University of Berlin.

## DEPARTMENT 2—Mathematics.

*Chairman:* Professor HENRY S. WHITE, . . . . . Northwestern University.

*Speakers:* Professor MAXIME BÔCHER, . . . . . Harvard University.

Professor JAMES P. PIERPONT, . . . . . Yale University.

### Section a. Algebra and Analysis.

*Chairman:* Professor E. H. MOORE, . . . . . University of Chicago.

*Speakers:* Professor EMILE PICARD, . . . . . The Sorbonne; Member of the

Institute of France.

Professor HEINRICH MASCHKE, . . . . . University of Chicago.

### Section b. Geometry.

*Chairman:* Professor WILLIAM E. STORY, . . . . . Clark University.

*Speakers:* Mr. GASTON DARBOUX, . . . . . Perpetual Secretary of the

Academy of Sciences, Paris.

Dr. EDWARD KASNER, . . . . . Columbia University.

### Section c. Applied Mathematics.

*Chairman:* Professor ARTHUR G. WEBSTER, . . . . . Clark University, Worcester, Mass.

*Speakers:* Professor LUDWIG BOLTZMANN, . . . . . University of Vienna.

Professor HENRI POINCARÉ, . . . . . The Sorbonne; Member of the  
Institute of France.

---

## DIVISION B.—HISTORICAL SCIENCE.

*Speaker:* President WOODROW WILSON, . . . . . Princeton University.

---

## DEPARTMENT 3—Political and Economic History.

*Chairman:* Honorable ANDREW D. WHITE, . . . . . Formerly Ambassador to Germany.

*Speakers:* Professor WILLIAM M. SLOANE, . . . . . Columbia University.

Professor JAMES H. ROBINSON, . . . . . Columbia University.

## DEPARTMENT 3 -Political and Economic History—Continued.

### Section a. History of Asia.

<i>Chairman:</i>	Honorable WILLIAM W. ROCKHILL, . . . . .	Director of the Bureau of American Republics.
<i>Speakers:</i>	Professor HENRI CORDIER, . . . . . Professor ARMINIUS VAMBÉRY, . . . . .	École des Langues Vivantes Orientales, Paris. University of Budapest.

### Section b. History of Greece and Rome.

<i>Chairman:</i>	Professor THOMAS D. SEYMOUR, . . . . .	Yale University.
<i>Speakers:</i>	Professor JOHN P. MAHaffY . . . . . Professor ETTORE PAIS, . . . . .	University of Dublin. University of Naples. Director of the National Museum of Antiqui- ties, Naples.

### Section c. Mediaeval History.

<i>Chairman:</i>	Professor CHARLES H. HASKINS, . . . . .	Harvard University.
<i>Speakers:</i>	Professor KARL LAMPRECHT, . . . . . Professor GEORGE B. ADAMS, . . . . .	University of Leipzig. Yale University.

### Section d. Modern History of Europe.

<i>Chairman:</i>	Honorable JAMES B. PERKINS, . . . . .	Rochester, N. Y.
<i>Speakers:</i>	Monsieur A. N. RAMBAUD, . . . . . Professor J. B. BURY, . . . . .	Former Minister of Public Instruc- tion; Member of the Institute of France. University of Cambridge.

### Section e. History of America.

<i>Chairman:</i>	Mr. JAMES SCHOULER, . . . . .	Boston.
<i>Speakers:</i>	Professor FREDERIC J. TURNER, . . . . . Professor ALBERT BUSHNELL HART, . . . . .	University of Wisconsin. Harvard University.

### Section f. History of Economic Institutions.

<i>Chairman:</i>	Professor WILLIAM W. FARNUM, . . . . .	Treasurer of Yale University.
<i>Speakers:</i>	Professor J. E. CONRAD, . . . . . Professor SIMON N. PATTEN, . . . . .	University of Halle. University of Pennsylvania.

## DEPARTMENT 4—History of Law.

<i>Chairman:</i>	Honorable DAVID J. BREWER, . . . . .	Associate Justice of the Supreme Court of the United States.
<i>Speakers:</i>	Honorable EMLIN McCORMICK, . . . . . Professor NATHAN ABBOTT, . . . . .	Judge of the Supreme Court of Iowa; Iowa City. Leland Stanford, Jr., University.

## DEPARTMENT 4—History of Law—Continued.

### Section a. History of Roman Law.

*Chairman:* Honorable WILLIAM W. HOWE, . . . U. S. Attorney, New Orleans, La.

*Speakers:* Professor ERNST ZITELMANN, . . . University of Bonn.

Professor MUNROE SMITH, . . . Columbia University.

### Section b. History of Common Law.

*Chairman:* Professor JOHN D. LAWSON, . . . University of Missouri.

*Speakers:* Honorable SIMEON E. BALDWIN, . . . Judge of the Supreme Court of Errors, New Haven, Conn.

Professor JOHN H. WIGMORE, . . . Northwestern University.

### Section c. Comparative Law.

*Chairman:* Honorable JACOB M. DICKINSON, . . . Chicago.

*Speakers:* Professor NOBUSHIGE HOZUMI, . . . University of Tokio.

Professor JOSEPH KOHLER, . . . University of Berlin.

## DEPARTMENT 5—History of Language.

*Chairman:* Professor GEORGE HEMPL, . . . University of Michigan.

*Speakers:* President BENJAMIN IDE WHEELER, . . . University of California.

Professor T. R. LOUNSBURY, . . . Yale University.

### Section a. Comparative Language.

*Chairman:* Professor FRANCIS A. MARCH, . . . Lafayette College.

*Speakers:* Professor FRIEDRICH K. BRUGMANN, . . . University of Leipzig.

Professor HANNS OERTEL, . . . Yale University.

### Section b. Semitic Languages.

*Chairman:* Professor PAUL HAUPT, . . . Johns Hopkins University.

*Speakers:* Professor FRIEDRICH DELITZSCH, . . . University of Berlin.

Professor CRAWFORD H. TOY, . . . Harvard University.

### Section c. Indo-Iranian Languages.

*Chairman:* Professor CARL D. BUCK, . . . University of Chicago.

*Speakers:* Professor SYLVAIN LÉVI, . . . Collège de France, Paris.

Professor ARTHUR A. MACDONELL, . . . University of Oxford.

### Section d. Greek.

*Chairman:* Professor MARTIN L. D'OOGE, . . . University of Michigan.

*Speakers:* Professor HERBERT W. SMYTH, . . . Harvard University.

Professor MILTON W. HUMPHREY, . . . University of Virginia.

DEPARTMENT 5—History of Language—Continued.

### Section e. Latin.

### Section f. English.

*Chairman:* Professor CHARLES M. GAYLEY, . . . University of California.  
*Speakers:* Professor OTTO JESPERSEN, . . . University of Copenhagen.  
Professor GEORGE L. KITTREDGE, . . . Harvard University.

### Section g. Romance Languages.

*Chairman:* . . . . .  
*Speakers:* Professor PAUL MEYER, . . . . . Collège de France, Paris.  
Professor HENRY A. TODD, . . . . . Columbia University.

## Section h. Germanic Languages.

## DEPARTMENT 6—History of Literature.

*Chairman:* HAMILTON WRIGHT MABIE, . . . . Associate Editor of *The Outlook*.  
*Speakers:* Professor BASIL L. GILDERSLEEVE, . . . Johns Hopkins University.  
Honorable GEORGE M. HARRISON, . . . Associate Justice of the Supreme  
Court of Appeals of Virginia.

### Section a. Indo-Iranian Literature.

### Section b. Classical Literature.

## DEPARTMENT 6—History of Literature—Continued.

### Section c. English Literature.

*Chairman:* Professor BARRETT WENDELL, . . . . . Harvard University.

*Speakers:* Professor FRANCIS B. GUMMERE, . . . . Haverford College.

### Section d. Romance Literature.

*Chairman:* Professor ADOLPHE COHN, . . . . . Columbia University.

*Speakers:* Professor PIO RAJNA, . . . . . Institute of Higher Studies,  
Florence, Italy.

Professor ALCÉE FORTIER, . . . . . Tulane University, New Orleans.

### Section e. Germanic Literature.

*Chairman:* Professor KUNO FRANCKE, . . . . . Harvard University.

*Speakers:* Professor AUGUST SAUER, . . . . . University of Prague.  
Professor J. MINOR, . . . . . University of Vienna.

### Section f. Slavic Literature.

*Chairman:* Mr. CHARLES R. CRANE, . . . . . Chicago.

*Speakers:* Professor W. R. MORFILL, . . . . . University of Oxford.  
Professor PAUL BOYER, . . . . . École des Langues  
Vivantes Orientales, Paris.

### Section g. Belles Lettres.

*Chairman:* Mr. BLISS PERRY, . . . . . Editor of the *Atlantic Monthly*.

*Speakers:* Monsieur F. BRUNETIÈRE, . . . . . Member of the Institute of France;  
Director of the *Revue des Deux  
Mondes*, Paris.  
Professor BRANDER MATTHEWS, . . . . . Columbia University.

## DEPARTMENT 7—History of Art.

*Chairman:* Professor HALSEY C. IVES, . . . . . Washington University, St. Louis.

*Speakers:* Professor JOHN C. VAN DYKE, . . . . Rutgers College.

Professor EDWARD ROBINSON, . . . . Director of the Museum of  
Fine Arts, Boston.

### Section a. Classical Art.

*Chairman:* Professor RUFUS B. RICHARDSON, . . . . New York City.

*Speakers:* Professor ADOLPHI FURTWÄNGLER, . . . . University of Munich.

Professor FRANK B. TARVELL, . . . . University of Chicago.

## DEPARTMENT 7—History of Art—Continued.

### Section b. Modern Architecture.

<i>Chairman:</i>	Mr. CHARLES F. MCKIM, . . . . .	New York City.
<i>Speakers:</i>	Professor C. ENLART, . . . . .	University of Paris.
	Professor ALFRED D. F. HAMLIN, . . . . .	Columbia University.

### Section c. Modern Painting.

<i>Chairman:</i>	Mr. JOHN LAFARGE, . . . . .	New York City.
<i>Speakers:</i>	Professor RICHARD MUTHER, . . . . .	University of Breslau.

Monsieur ANDRÉ MICHEL, . . . . . Keeper at the Louvre, Paris.

## DEPARTMENT 8—History of Religion.

<i>Chairman:</i>	Rev. Dr. WM. ELIOT GRIFFIS, . . . . .	Ithaca, N. Y.
<i>Speakers:</i>	Professor GEORGE F. MOORE, . . . . .	Harvard University.

Professor NATHANIEL SCHMIDT, . . . . . Cornell University.

### Section a. Brahmanism and Buddhism.

<i>Chairman:</i>	Professor EDWARD W. HOPKINS, . . . . .	Yale University.
<i>Speakers:</i>	Professor HERRMANN OLDENBERG, . . . . .	University of Kiel.

Professor MAURICE BLOOMFIELD, . . . . . Johns Hopkins University.

### Section b. Mohammedism.

<i>Chairman:</i>	Dr. TALCOTT WILLIAMS, . . . . .	Philadelphia.
<i>Speakers:</i>	Professor IGNAZ GOLDZIHER, . . . . .	University of Budapest.

Professor DUNCAN B. MACDONALD, . . . . . Hartford Theological Seminary.

### Section c. Old Testament.

<i>Chairman:</i>	Professor GEORGE L. ROBINSON, . . . . .	McCormick Theological Seminary.
<i>Speakers:</i>	Professor GEORGE ADAM SMITH, . . . . .	University of Glasgow.

Professor KARL BUDDE, . . . . . University of Marburg.

### Section d. New Testament.

<i>Chairman:</i>	Professor ANDREW C. ZENOS, . . . . .	McCormick Theological Seminary.
<i>Speakers:</i>	Professor BENJAMIN W. BACON, . . . . .	Yale University.

Professor ERNEST D. BURTON, . . . . . University of Chicago.

### Section e. History of the Christian Church.

<i>Chairman:</i>	President CHARLES J. LITTLE, . . . . .	Garrett Biblical Institute.
<i>Speakers:</i>	Professor ADOLF HARNACK, . . . . .	University of Berlin.

Professor JEAN RÉVILLE, . . . . . Faculty of Protestant Theology, Paris.

## DIVISION C—PHYSICAL SCIENCE.

*Speaker:* Professor ROBERT S. WOODWARD, . . . Columbia University.

### DEPARTMENT 9—Physics.

*Chairman:* . . . . .

*Speakers:* Professor EDWARD L. NICHOLS, . . . Cornell University.  
Professor CARL BARUS, . . . . . Brown University.

#### Section a. Physics of Matter.

*Chairman:* Professor SAMUEL W. STRATTON, . . . Director of the National Bureau  
of Standards, Washington.  
*Speakers:* Professor ROBERT W. WOOD, . . . Johns Hopkins University.  
Professor FRANCIS E. NIPHER, . . . Washington University.

#### Section b. Physics of Ether.

*Chairman:* Professor HENRY S. CARHART, . . . University of Michigan.  
*Speakers:* Professor JAMES DEWAR, . . . . . Royal Institution, London.  
Professor DEWITT B. BRACE, . . . University of Nebraska.

#### Section c. Physics of the Electron.

*Chairman:* Professor CHARLES R. CROSS, . . . Institute of Technology, Boston.  
*Speakers:* . . . . . Professor ERNEST RUTHERFORD, . . . McGill University, Montreal.

### DEPARTMENT 10—Chemistry.

*Chairman:* Professor JAMES M. CRAFTS, . . . . Massachusetts Institute  
of Technology.  
*Speakers:* Professor JOHN U. NEF, . . . . . University of Chicago.  
Professor FRANK W. CLARKE, . . . . . Chief Chemist,  
U. S. Geological Survey.

#### Section a. Inorganic Chemistry.

*Chairman:* Professor JOHN W. MALLET, . . . University of Virginia.  
*Speakers:* . . . . . Professor HENRI MOISSAN, . . . . . The Sorbonne; Member of the  
Institute of France.

#### Section b. Organic Chemistry.

*Chairman:* Professor ALBERT B. PRESCOTT, . . . University of Michigan.  
*Speakers:* Professor RUDOLF FITTIG, . . . . . University of Strassburg.  
Professor WILLIAM A. NOYES, . . . . . National Bureau of Standards.

## DEPARTMENT 10—Chemistry—Continued.

### Section c. Physical Chemistry.

*Chairman:* Professor WILDER D. BANCROFT, . . . Cornell University.  
*Speakers:* Professor J. H. VAN T'HOFF, . . . University of Berlin.  
Professor ARTHUR A. NOYES, . . . Massachusetts Institute  
of Technology.

### Section d. Physiological Chemistry.

*Chairman:* Professor WILBUR O. ATWATER, . . . Wesleyan University.  
*Speakers:* Professor ALBRECHT KOSSEL, . . . University of Heidelberg.  
Professor RUSSELL H. CHITTENDEN, . . . Yale University.

## DEPARTMENT 11—Astronomy.

*Chairman:* Professor GEORGE C. COMSTOCK, . . . Director of the Observatory,  
Madison, Wisconsin.  
*Speakers:* Professor EDWARD C. PICKERING, . . . Director of Harvard Observatory.  
Professor LEWIS BOSS, . . . Director of Dudley Observatory.

### Section a. Astrometry.

*Chairman:* Professor ORMOND STONE, . . . University of Virginia.  
*Speakers:* Dr. OSKAR BACKLUND, . . . Director of the Observatory,  
Pulkowa, Russia.  
Professor J. C. KAPTEYN, . . . University of Groningen,  
Holland.

### Section b. Astrophysics.

*Chairman:* Professor GEORGE E. HALE, . . . Director of the Yerkes Observatory.  
*Speakers:* Professor WILLIAM W. CAMPBELL, . . . Director of the Lick Observatory.  
Professor HERBERT H. TURNER, F. R. S., University of Oxford.

## DEPARTMENT 12—Sciences of the Earth.

*Chairman:* Professor NATHANIEL S. SHALER, . . . Harvard University.  
*Speakers:* Professor WILLIAM M. DAVIS, . . . Harvard University.  
Professor THOMAS C. CHAMBERLIN, . . . University of Chicago.

### Section a. Geo-physics.

*Chairman:* Professor CHRISTOPHER W. HALL, . . . University of Minnesota.  
*Speakers:* Professor E. WIECHERT, . . . Director Geophysical Institute,  
Göttingen.  
Dr. GEORGE F. BECKER, . . . Geologist, U. S. Geological Survey.

## DEPARTMENT 12—Sciences of the Earth—Continued.

### Section b. Geology.

*Chairman:* Professor JOHN C. BRANNER, . . . . . Leland Stanford, Jr., University.  
*Speakers:* Sir ARCHIBALD GEIKIE, K. C. B., . . . . . Secretary of the Royal Society.  
President CHARLES R. VAN HISE, . . . . . University of Wisconsin.

### Section c. Paleontology.

*Chairman:* Professor WILLIAM B. SCOTT, . . . . . Princeton University.  
*Speakers:* Dr. A. S. WOODWARD, F. R. S., . . . . . British Museum of Natural History, London.  
Professor HENRY F. OSBORN, . . . . . Columbia University.

### Section d. Petrology and Mineralogy.

*Chairman:* Mr. OLIVER C. FARRINGTON, . . . . . Field Columbian Museum, Chicago.  
*Speakers:* Professor F. ZIRKEL, . . . . . University of Leipzig.  
Professor W. C. BROGGER, . . . . . University of Christiana.

### Section e. Physiography.

*Chairman:* Mr. HENRY GANNETT, . . . . . United States Geological Survey.  
*Speakers:* Professor ALBRECHT PENCK, . . . . . University of Vienna.  
Professor ISRAEL C. RUSSELL, . . . . . University of Michigan.

### Section f. Geography.

*Chairman:* Professor GEORGE DAVIDSON, . . . . . University of California.  
*Speakers:* Dr. HUGH R. MILL, . . . . . Director British Rainfall Organization, London.  
Professor GEORG GERLAND, . . . . . University of Strassburg.

### Section g. Oceanography.

*Chairman:* Rear-Admiral CHARLES D. SIGSBEE, . . . . . United States Navy.  
*Speakers:* Sir JOHN MURRAY, K. C. B., F. R. S., . . . . . Edinburgh.  
His Highness, ALBERT, Prince of Monaco, Monaco.

### Section h. Meteorology.

*Chairman:* Dr. ABBOTT L. ROTCH, . . . . . Blue Hill Observatory.  
*Speakers:* Professor SVANTE ARRIENIUS, . . . . . University of Stockholm, Stockholm.

## DEPARTMENT 13 - Biology.

### Section a. Phylogeny.

*Chairman:* Professor T. H. MORGAN, . . . . Bryn Mawr.  
*Speakers:* Professor HUGO DE VRIES, . . . . University of Amsterdam.  
Professor CHARLES O. WHITMAN, . . . . University of Chicago.

### Section b. Plant Morphology.

### Section c. Plant Physiology.

#### Section d. Plant Pathology.

*Chairman:* Professor CHARLES E. BESSEY, . . . . University of Nebraska.  
*Speakers:* Professor JOSEPH C. ARTHUR, . . . . Purdue University.

### Section e. Ecology.

<i>Chairman:</i>	Professor CONWAY MACMILLAN, . . .	University of Minnesota.
<i>Speakers:</i>	Professor OSKAR DRUDE, . . .	Kön. Technische Hochschule. Dresden.
	Professor CHARLES FLAHAULT, . . .	Director of the Botanic Institute, Montpellier, France.

### Section f. Bacteriology.

### Section g. Animal Morphology.

*Chairman:* Dr. LELAND O. HOWARD, . . . . . Department of Agriculture,  
Washington, D. C.  
*Speakers:* Professor CHARLES B. DAVENPORT, . . . University of Chicago.  
Professor ALFRED GIARD, . . . . . The Sorbonne; Member of the  
Institute of France.

## Section h. Embryology.

## DEPARTMENT 13—Biology—Continued.

### Section i. Comparative Anatomy.

*Chairman:* Professor JAMES P. McMURRICH, . . . University of Michigan.  
*Speakers:* Professor MAX FÜRBRINGER, . . . University of Heidelberg.  
Professor YVES DELAGE, . . . . . The Sorbonne; Member of the  
Institute of France.

### Section j. Human Anatomy.

*Chairman:* Professor GEORGE A. PIERSOL, . . . University of Pennsylvania.  
*Speakers:* Professor WILHELM WALDEYER, . . . University of Berlin.  
Professor H. H. DONALDSON, . . . University of Chicago.

### Section k. Physiology.

*Chairman:* Dr. S. J. MELTZER, . . . . . New York.  
*Speakers:* Professor MAX VERWORN, . . . . . University of Göttingen.  
Professor WILLIAM H. HOWELL, . . . Johns Hopkins University.

## DEPARTMENT 14—Anthropology.

*Chairman:* Professor FREDERIC W. PUTNAM, . . . Harvard University.  
*Speakers:* Dr. W J McGEE, . . . . . President American Anthropo-  
logical Ass'n, Washington, D. C.  
Professor FRANZ BOAS, . . . . . Columbia University.

### Section a. Somatology.

*Chairman:* Dr. EDWARD C. SPITZKA, . . . . . New York City.  
*Speakers:* Professor L. MANOUVRIER, . . . . . School of Anthropology, Paris.  
Dr. GEORGE A. DORSEY, . . . . . Field Columbian Museum, Chicago.

### Section b. Archaeology.

*Chairman:* Mr. WILLIAM H. HOLMES, . . . . . Chief of the Bureau of Ethnology,  
Washington, D. C.  
*Speakers:* Señor ALFREDO CHAVERO, . . . . . Director of the National Museum,  
Mexico.  
Professor EDOUARD SELER, . . . . . University of Berlin.

### Section c. Ethnology.

*Chairman:* Miss ALICE C. FLETCHER, . . . . . President of the Washington  
Anthropological Society.  
*Speakers:* Professor KARL VON DEN STEINEN, . . . University of Berlin.  
Professor A. C. HADDON, . . . . . University of Cambridge.

## DIVISION D—MENTAL SCIENCE.

*Speaker:* President G. STANLEY HALL, . . . . Clark University, Worcester, Mass.

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### DEPARTMENT 15—Psychology.

*Chairman:* Professor NOAH K. DAVIS, . . . . University of Virginia.

*Speakers:* Professor J. MARK BALDWIN, . . . . Johns Hopkins University.  
Professor JAMES MCK. CATTELL, . . . . Columbia University.

#### Section a. General Psychology.

*Chairman:* Professor CHARLES A. STRONG, . . . . Columbia University.

*Speakers:* Professor HARALD HOEFFDING, . . . . University of Copenhagen.  
Professor JAMES WARD, . . . . University of Cambridge, England.

#### Section b. Experimental Psychology.

*Chairman:* Professor EDWARD A. PACE, . . . . Catholic University of America.

*Speakers:* Professor HERMANN EBBINGHAUS, . . . . University of Breslau.  
Professor EDWARD B. TITCHENER, . . . . Cornell University.

#### Section c. Comparative and Genetic Psychology.

*Chairman:* Professor EDMUND C. SANFORD, . . . . Clark University, Worcester, Mass.

*Speakers:* Principal C. LLOYD MORGAN, . . . . University College, Bristol.  
Professor MARY W. CALKINS, . . . . Wellesley College.

#### Section d. Abnormal Psychology.

*Chairman:* Professor MOSES ALLEN STARR, . . . . Columbia University.

*Speakers:* Dr. PIERRE JANET, . . . . . Professor at the Sorbonne, Paris.  
Dr. MORTON PRINCE, . . . . . Boston.

### DEPARTMENT 16—Sociology.

*Chairman:* Professor FRANK W. BLACKMAR, . . . . University of Kansas.

*Speakers:* Professor GEORGE E. VINCENT, . . . . University of Chicago.  
Professor FRANKLIN H. GIDDINGS, . . . . Columbia University.

#### Section a. Demography.

*Chairman:* Professor D. COLLIN WELLS, . . . . Dartmouth College.

*Speakers:* Professor WALTER F. WILLCOX, . . . . Cornell University.  
Professor HARALD WESTERGAARD, . . . . University of Copenhagen.

## DEPARTMENT 16—Sociology—Continued.

### Section b. Social Structure.

*Chairman:* Professor FREDERICK W. MOORE, . . . Vanderbilt University.

*Speakers:* Professor FERDINAND TOENNIES, . . . University of Kiel.  
Field Marshall GUSTAV RATZENHOFER, . . . Vienna.

### Section c. Social Psychology.

*Chairman:* Professor CHARLES A. ELLWOOD, . . . University of Missouri.

*Speakers:* Professor JEAN G. DE TARDE, . . . Collège de France; Membre  
de l'Institut, Paris.  
Professor EDWARD A. ROSS, . . . University of Nebraska.

## DIVISION E—UTILITARIAN SCIENCES

*Speaker:* President DAVID STARR JORDAN, . . . Leland Stanford, Jr., University.

## DEPARTMENT 17—Medicine.

*Chairman:* Dr. WILLIAM OSLER, . . . . . Johns Hopkins University.

*Speakers:* Dr. WILLIAM T. COUNCILMAN, . . . Harvard University.

Dr. FRANK BILLINGS, . . . . . Rush Medical College.

### Section a. Public Health.

*Chairman:* Dr. WALTER WYMAN, . . . . . Surgeon-General of the  
U. S. Marine Hospital Service.  
*Speakers:* Professor WILLIAM T. SEDGWICK, . . . Massachusetts Institute of  
Technology.  
Dr. ERNST J. LEDERLE, . . . . . Commissioner of Health,  
New York City.

### Section b. Preventive Medicine.

*Chairman:* Dr. JOSEPH M. MATHEWS, . . . . . President of the State Board  
of Health, Louisville, Kentucky.  
*Speakers:* Professor RONALD ROSS, F. R. S., . . . School of Tropical Medicine,  
University College, Liverpool.  
Professor ANGELO CELLI, . . . . . University of Rome.

### Section c. Pathology.

*Chairman:* Professor SIMON FLEXNER, . . . . . Director of the Rockefeller Institute  
*Speakers:* Professor FELIX MARCIAND, . . . . . University of Leipzig.  
Professor JOHANNES ORTH, . . . . . University of Berlin.

## DEPARTMENT 17—Medicine Continued.

### Section d. Therapeutics and Pharmacology.

*Chairman:* Dr. HOBART A. HARE, . . . . . Jefferson Medical College.  
*Speakers:* Sir LAUDER BRUNTON, F. R. S., . . . London.  
Professor MATHIAS E. O. LIEBREICH, . . . University of Berlin.

### Section e. Internal Medicine.

*Chairman:* Professor FREDERICK C. SHATTUCK, . . . Harvard University.  
*Speakers:* Professor CLIFFORD ALLBUTT, F. R. S., . . . University of Cambridge.  
Professor WILLIAM S. THAYER, . . . Johns Hopkins University.

### Section f. Neurology.

*Chairman:* Professor LEWELLYS F. BARKER, . . . University of Chicago.  
*Speakers:* Professor SHIBASABURO KITASATO, . . . University of Tokio.  
Professor JAMES J. PUTNAM, . . . Harvard University.

### Section g. Psychiatry.

*Chairman:* Dr. EDWARD COWLES, . . . . . Boston.  
*Speakers:* Professor TH. ZIEHEN, . . . . . University of Berlin.  
Dr. CHARLES L. DANA, . . . . . New York City.

### Section h. Surgery.

*Chairman:* Professor CARL BECK, . . . . . Post Graduate Medical School,  
New York.  
*Speakers:* Professor NICHOLAS SENN, . . . . . Rush Medical College, Chicago.

### Section i. Gynecology.

*Chairman:* Professor HOWARD A. KELLY, . . . . . Johns Hopkins University.  
*Speakers:* Dr. L. GUSTAVE RICHELOT, . . . . . Member of the Academy  
of Medicine, Paris.  
Professor JOHN C. WEBSTER, . . . . . Rush Medical College, Chicago.

### Section j. Ophthalmology.

*Chairman:* Dr. GEORGE C. HARLAN, . . . . . Philadelphia, Pa.  
*Speakers:* Dr. EDWARD JACKSON, . . . . . Denver, Col.

### Section k. Otology and Laryngology.

*Chairman:* Professor WILLIAM C. GLASGOW, . . . . . Washington University, St. Louis.  
*Speakers:* Sir FELIX SEMON, C. V. O., . . . . . Physician Extraordinary to  
The King, London.  
Dr. J. SOLIS-COHEN, . . . . . Jefferson Medical College.

## DEPARTMENT 17—Medicine—Continued.

### Section 1. Pediatrics.

*Chairman:* Professor THOMAS M. ROTCH, . . . . Harvard University.  
*Speakers:* Professor THEODORE ESCHERICH, . . . . University of Vienna.  
Professor ABRAHAM JACOBI, . . . . Columbia University.

## DEPARTMENT 18—Technology.

*Chairman:* Chancellor WINFIELD S. CHAPLIN, . . . . Washington University, St. Louis.  
*Speakers:* Professor HENRY T. BOVEY, F. R. S., . . . . McGill University, Montreal.  
Mr. JOHN R. FREEMAN, . . . . Providence, R. I.

### Section a. Civil Engineering.

*Chairman:* Professor WILLIAM H. BURR, . . . . Columbia University.  
*Speakers:* Dr. J. A. L. WADDELL, . . . . Consulting Engineer, Kansas City.  
Mr. LEWIS M. HAUPPT, . . . . Consulting Engineer, Philadelphia.

### Section b. Mechanical Engineering.

*Chairman:* President ALEXANDER C. HUMPHREYS, . . . . Stevens Institute of Technology.  
*Speakers:* Professor A. RIEDLER, . . . . Königliche Technische Hochschule,  
Berlin.  
Professor ALBERT W. SMITH, . . . . Leland Standford, Jr., University.

### Section c. Electrical Engineering.

*Chairman:* Professor ARTHUR E. KENNELLY, . . . . Harvard University.  
*Speakers:* Signor G. MARCONI, . . . . Italy.  
Professor MICHAEL I. PUPIN, . . . . Columbia University.

### Section d. Mining Engineering.

*Chairman:* Mr. JOHN HAYS HAMMOND, . . . . New York City.  
*Speakers:* Professor ROBERT H. RICHARDS, . . . . Massachusetts Institute  
of Technology.  
Professor SAMUEL B. CHRISTY, . . . . University of California.

### Section e. Technical Chemistry.

*Chairman:* Professor CHARLES F. CHANDLER, . . . . Columbia University.  
*Speakers:* Professor OTTO N. WITT, . . . . Königliche Technische Hochschule,  
Berlin.  
Professor WILLIAM H. WALKER, . . . . Massachusetts Institute  
of Technology.

### Section f. Agriculture.

*Chairman:* Honorable JAMES WILSON, . . . . Secretary of Agriculture,  
Washington.  
*Speakers:* Professor LÉON LINDET, . . . . National Agronomic Institute,  
Paris.  
Professor LIBERTY H. BAILEY, . . . . Cornell University.

## DEPARTMENT 19—Economics.

*Chairman:* . . . . .

*Speakers:* Professor ADOLPH C. MILLER, . . . University of California.  
Professor JEREMIAH W. JENKS, . . . Cornell University.

### Section a. Economic Theory.

*Chairman:* Professor WILLIAM W. FOLWELL, . . . University of Minnesota.

*Speakers:* Professor S. R. NICHOLSON, . . . University of Edinburgh.  
Professor JOHN B. CLARK, . . . Columbia University.

### Section b. Industrial Organization and Manufactures.

*Chairman:* . . . . .

*Speakers:* . . . . . Honorable SIMON N. D. NORTH, . . . Director U. S. Census.

### Section c. Transportation.

*Chairman:* Mr. JAMES J. HILL, . . . . . President of the Great Northern Railway, St. Paul.

*Speakers:* Professor EUGENE VON PHILIPPOVICH, . . University of Vienna.  
Professor WILLIAM Z. RIPLEY, . . . Harvard University.

### Section d. Commerce and Exchange.

*Chairman:* Honorable LYMAN J. GAGE, . . . . New York City.

*Speakers:* Professor E. D. JONES, . . . . University of Michigan.  
Professor CARL PLEIN, . . . . University of California.

### Section e. Money and Credit.

*Chairman:* Mr. B. E. WALKER, . . . . . Canadian Bank of Commerce, Toronto.

*Speakers:* Professor RAPHAEL GEORGES LÉVY, . . Ecole Libre des Sciences Politiques, Paris.  
Professor J. LAWRENCE LAUGHLIN, . . University of Chicago.

### Section f. Public Finance.

*Chairman:* Honorable JAMES H. ECKLES, . . . . Commercial National Bank, Chicago.

*Speakers:* Professor EDWIN R. A. SELIGMAN, . . . Columbia University.  
Professor HENRY C. ADAMS, . . . University of Michigan.

### Section g. Insurance.

*Chairman:* Dr. EMORY MCCLINTOCK, . . . . . Actuary, Mutual Life Insurance Company, New York.

*Speakers:* FREDERICK L. HOFFMAN, . . . . . Statistician, Prudential Insurance Company, Newark.  
Professor BALTHASAR H. MEYER, . . . University of Wisconsin.

## DIVISION F—SOCIAL REGULATION.

*Speaker:* Professor ABBOTT L. LOWELL, . . . . Harvard University.

### DEPARTMENT 20.—Politics.

*Chairman:* . . . . .

*Speakers:* Honorable WAYNE MACVEAGH, . . . . Washington, D. C.

Professor WILLIAM A. DUNNING, . . . . Columbia University.

#### Section a. Political Theory.

*Chairman:* Professor HARRY P. JUDSON, . . . . University of Chicago.

*Speakers:* Professor JOHN W. BURGESS, . . . . Columbia University.

#### Section b. Diplomacy.

*Chairman:* Honorable ROBERT R. HITT, . . . . Chairman Committee on Foreign Affairs, House of Representatives

*Speakers:* Honorable JOHN W. FOSTER, . . . . Former Minister to Spain.

Honorable DAVID JAYNE HILL, . . . . Minister of the United States to Switzerland.

#### Section c. National Administration.

*Chairman:* Honorable WILLIAM B. ALLISON, . . . . United States Senate.

*Speakers:* Right Honorable JAMES BRYCE, M. P., London.

#### Section d. Colonial Administration.

*Chairman:* . . . . .

*Speakers:* Professor PAUL S. REINSCH, . . . . University of Wisconsin.

Professor BERNARD MOSES, . . . . University of California.

#### Section e. Municipal Administration.

*Chairman:* President EDMUND J. JAMES, . . . . Northwestern University.

*Speakers:* Dr. ALBERT SHAW, . . . . . Editor American Monthly

Miss JANE ADDAMS, . . . . . Review of Reviews.

Hull House, Chicago.

### DEPARTMENT 21—JURISPRUDENCE.

*Chairman:* . . . . .

*Speakers:* President CHARLES W. NEEDHAM, . . . . Columbian University, Washington.

Professor JOSEPH H. BEALE, . . . . Harvard University.

## DEPARTMENT 21—Jurisprudence—Continued.

### Section a. International Law.

*Chairman:* . . . . .

*Speakers:* Baron d'ESTOURNELLES DE CONSTANT, . . Member of the Chamber of Deputies, Paris.  
Professor PHILIPP ZORN, . . . . . University of Bonn.

### Section b. Constitutional Law.

*Chairman:* Professor HENRY ST. GEORGE TUCKER, . . Columbian University, Washington.

*Speakers:* Professor GEORG JELLINECK, . . . . . University of Heidelberg.  
Signor ATILIO BRUNIALTI, . . . . . Councilor of State, Rome.

### Section c. Criminal Law.

*Chairman:* . . . . .

*Speakers:* Professor ADOLF WACH, . . . . . University of Leipzig.  
Professor KARL BINDING, . . . . . University of Leipzig.

### Section d. Private Law.

*Chairman:* Professor JAMES B. AMES, . . . . . Dean, Harvard Law School.

*Speakers:* Professor ERNST FREUND, . . . . . University of Chicago.  
Honorable EDWARD B. WHITNEY, . . . . . New York.

## DEPARTMENT 22—Social Science.

*Chairman:* Mr. WALTER L. SHELDON, . . . . . Ethical Society, St. Louis.

*Speakers:* Professor GRAHAM TAYLOR, . . . . . Chicago Theological Seminary.  
Professor FELIX ADLER, . . . . . Columbia University.

### Section a. The Family.

*Chairman:* . . . . .

*Speakers:* Dr. SAMUEL W. DIKE, . . . . . Auburndale, Mass.

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### Section b. The Rural Community.

*Chairman:* . . . . .

*Speakers:* Professor MAX WEBER, . . . . . University of Heidelberg.  
President KENYON BUTTERFIELD, . . . . . Rhode Island State Ag. College.

## DEPARTMENT 22—Social Science—Continued.

### Section c. The Urban Community.

*Chairman:* Honorable EDWIN BURRETT SMITH, . . . Chicago.  
*Speakers:* Professor A. NERINCKX, . . . . . University of Louvain.  
Professor LOUIS WUARIN, . . . . . University of Geneva.

### Section d. The Industrial Group.

*Chairman:* JOHN G. BROOKS, . . . . . Cambridge, Mass.  
*Speakers:* Professor WERNER SOMBART, . . . . . University of Breslau.  
Professor RICHARD T. ELY, . . . . . University of Wisconsin.

### Section e. The Dependent Group.

*Chairman:* Mr. ROBERT W. DEFOREST, . . . . . New York City.  
*Speakers:* Dr. EMIL MUENSTERBERG, . . . . . President City Charities, Berlin.  
Professor CHARLES R. HENDERSON, . . . . . University of Chicago.

### Section f. The Criminal Group.

*Chairman:* Major R. M. McCLAUGHEY, . . . . . Fort Leavenworth, Kansas.  
*Speakers:* Professor C. LOMBROSO, . . . . . University of Turin.  
Dr. FREDERICK H. WINES, . . . . . Secretary State Charities Aid  
Association,  
Upper Montclair, N. J.

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## DIVISION G—SOCIAL CULTURE.

*Speaker:* Honorable WILLIAM T. HARRIS, . . . . United States Commissioner  
of Education.

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## DEPARTMENT 23—Education.

*Chairman:* Commissioner ANDREW S. DRAPER, . . . Department of Education,  
New York.  
*Speakers:* The Right Rev. JOHN L. SPALDING, . . . Bishop of Peoria.  
President H. R. ANGELL, . . . . . University of Michigan.

## DEPARTMENT 23—Education—Continued.

### Section a. Educational Theory.

<i>Chairman:</i>	Professor CHARLES DEGARMO, . . . . .	Cornell University.
<i>Speakers:</i>	Professor WILHELM REIN, . . . . .	University of Jena.
	Professor ELMER E. BROWN, . . . . .	University of California.

### Section b. The School.

<i>Chairman:</i>	Dr. F. LOUIS SOLDAN, . . . . .	Superintendent Public Schools, St. Louis
<i>Speakers:</i>	Dr. MICHAEL E. SADLER, . . . . .	University of Manchester.
	Dr. WILLIAM H. MAXWELL, . . . . .	Superintendent Public Schools, New York City.

### Section c. The College.

<i>Chairman:</i>	President WILLIAM F. SLOCUM, . . . . .	Colorado College.
<i>Speakers:</i>	President WILLIAM DEWITT HYDE, . . . . .	Bowdoin College.
	President M. CAREY THOMAS, . . . . .	Bryn Mawr College.

### Section d. The University.

<i>Chairman:</i>	President DANIEL C. GILMAN, . . . . .	Carnegie Institution of Washington
<i>Speakers:</i>	Dr. RAYMOND THAMIN, . . . . .	Rector of the University of Rennes.
	President ARTHUR T. HADLEY, . . . . .	Yale University.

### Section e. The Library.

<i>Chairman:</i>	FREDERICK W. CRUNDEN, . . . . .	Librarian St. Louis Public Library.
<i>Speakers:</i>	Professor GUIDO BIAGI, . . . . .	Royal Librarian, Florence.
	Mr. WILLIAM A. E. AXON, . . . . .	Assistant Librarian, Manchester, England.

## DEPARTMENT 24—Religion.

<i>Chairman:</i>	Bishop JOHN H. VINCENT, . . . . .	Chautauqua, N. Y.
<i>Speakers:</i>	President HENRY C. KING, . . . . .	Oberlin College.
	Professor FRANCIS G. PEABODY, . . . . .	Harvard University.

### Section a. General Religious Education.

<i>Chairman:</i>	. . . . .	
<i>Speakers:</i>	Professor GEORGE A. COE, . . . . .	Northwestern University.
	Dr. WALTER L. HERVEY, . . . . .	Examiner Board of Education, New York City.

## DEPARTMENT 24—Religion—Continued.

### Section b. Professional Religious Education.

*Chairman:* Dean GEORGE HODGES, . . . . . Episcopal Theological School,  
Cambridge, Mass.  
*Speakers:* President CHARLES CUTHBERT HALL, . . . Union Theological Seminary.  
Professor FRANK K. SANDERS, . . . . . Yale University.

### Section c. Religious Agencies.

*Chairman:* . . . . .  
*Speakers:* Dr. WASHINGTON GLADDEN, . . . . . Columbus, Ohio.  
Dr. JAMES M. BUCKLEY, . . . . . Editor *The Christian Advocate*,  
New York.

### Section d. Religious Work.

*Chairman:* Rt. Rev. THOMAS F. GAILOR, . . . . . Memphis.  
*Speakers:* Dr. FLOYD W. TOMKINS, . . . . . Church of the Holy Trinity,  
Philadelphia.  
Dr. HENRY C. MABIE, . . . . . Corresponding Secretary  
American Baptist Miss. Union.

### Section e. Religious Influence: Personal.

*Chairman:* President WILLIAM G. TUCKER, . . . . Dartmouth College.  
*Speakers:* Dr. HUGH BLACK, . . . . . Edinburgh, Scotland.  
Rev. SAMUEL ELIOT, . . . . . Boston, Mass.  
President W. H. P. FAUNCE, . . . . . Brown University.

### Section f. Religious Influence, Social.

*Chairman:* President JOSEPH SWAIN, . . . . . Swarthmore College.  
*Speakers:* Dr. EMIL G. HIRSCH, . . . . . Chicago, Ill.  
Professor EDWARD C. MOORE, . . . . . Harvard University.  
Dr. JOSIAH STRONG, . . . . . League for Social Service,  
New York.

# Chronological Order of Proceedings

Monday, September 19.

3 p. m. Opening exercises of the Congress.

The programme of these exercises will be arranged at a later date by the authorities of the Exposition and the Administrative Board.

Tuesday, September 20.

10:00 a. m. Meetings of the seven divisions: one address in each division.

11:15 to 6:00 p. m. Meetings of the Departments, as follows:

Meeting: 11:15 a. m.

DEPARTMENTS.

1. Philosophy.	5. History of Language.	6. History of Literature.
2. Mathematics.	8. History of Religion.	10. Chemistry.
3. Political History.	9. Physics.	11. Astronomy.
4. History of Law.	14. Anthropology.	16. Sociology.
7. History of Art.	15. Psychology.	17. Medical Science.
12. Sciences of the Earth.	18. Technology.	21. Jurisprudence.
13. Biology.	20. Politics.	23. Education.
19. Economics.	22. Social Science.	24. Religion.

Adjournment: 1 p. m.

2 p. m.

4:15 p. m.

3:45 p. m. 6 p. m.

On the four days following, the Sectional meetings will be held. The duration of each session will be three hours. The arrangement of the meetings, as found on the next two pages, are to be regarded as provisional, and as being subject to change should the convenience of those interested demand it. The morning sessions will extend from 10 a. m. until 1 p. m.; the afternoon sessions from 3 p. m. to 6 p. m.

The meetings of some of the religious sections will be held on Sunday, September 25.

Wednesday, September 21.

Meeting at	10 A. M.	3 P. M.
1a. Metaphysics.		1b. Philosophy of Religion.
3b. History of Greece.		3c. Medieval History of Europe.
4b. History of Common Law.		4a. History of Roman Law.
5a. Comparative Language.		5b. Semitic Languages.
6f. Slavic Literature.		6b. Classical Literature.
10a. Inorganic Chemistry.		10b. Organic Chemistry.
11a. Astrometry.		11b. Astrophysics.
12a. Geophysics.		12b. Geology.
12h. Meteorology.		12g. Oceanography.
13g. Animal Morphology.		13a. Phylogeny.
16b. Social Structure.		16c. Social Psychology.
17a. Public Health.		17b. Preventive Medicine.
17k. Ontology.		17l. Pediatrics.
18a. Civil Engineering.		19g. Insurance.
19f. Public Finance.		22b. Rural Community.
22a. The Family.		24a. Religious Education.
Adjournment at	1 P. M.*	6 P. M.

Thursday, September 22.

Meeting at	10 A. M.	3 P. M.
1c. Logic.		1d. Methodology of Science.
2a. Algebra.		5d. Greek Language.
3d. Modern History of Europe.		6d. Romance Literature.
5c. Indro-Iranian Languages.		7b. Modern Architecture.
6c. English Literature.		9c. Physics of the Electron.
7a. Classical Art.		10d. Physiological Chemistry.
8c. Old Testament.		12d. Petrology.
10c. Physical Chemistry.		12f. Geography.
12c. Paleontology.		13c. Plant Physiology.
12e. Physiography.		13j. Human Anatomy.
13b. Plant Morphology.		17f. Neurology.
17c. Pathology.		18c. Technical Chemistry.
17g. Psychiatry.		19b. Industrial Organization.
19a. Economic Theory.		20a. Political Theory.
21a. International Law.		22d. Industrial Group.
22c. Urban Community.		24b. Professional Religious Education.
Adjournment at	1 P. M.	6 P. M.

Friday, September 23.

Meeting at	10 A. M.	3 P. M.
1c. Ethics.		1f. Easthetics.
5c. Latin Language.		3f. History of Economics.
6c. Germanic Literature.		5f. English Language.
8a. Buddhism.		8b. Mohammedism.
8d. New Testament.		9b. Physics of Ether.
9a. Physics of Matter.		13c. Ecology.
13d. Plant Pathology.		13h. Embryology.
13k. Physiology.		14a. Somatology.
15a. General Psychology.		15b. Experimental Psychology.
17h. Surgery.		17c. Internal Medicine.
18c. Electrical Engineering.		18c. Mechanical Engineering.
19c. Transportation.		20c. National Administration.
20b. Diplomacy.		21c. Private Law.
21d. Criminal Law.		22f. Criminal Group.
22c. Dependent Group.		23c. College.
23b. School.		24c. Religious Agencies.
Adjournment at	1 P. M.	6 P. M.

Saturday, September 24.

Meeting at	10 A. M.	3 P. M.
2b. Geometry.		2c. Applied Mathematics.
3a. History of Asia.		4c. Comparative Law.
3c. History of America.		5h. Germanic Languages.
5g. Romance Languages.		6a. Oriental Literature.
6g. Belles Lettres.		7c. Modern Painting.
8e. History of the Christian Church.		14c. Ethnology.
13f. Bacteriology.		15d. Abnormal Psychology.
13i. Comparative Anatomy.		16a. Demography.
14b. Archeology.		17d. Therapeutics.
15c. Comparative Psychology.		17j. Ophthalmology.
17i. Gynecology.		18f. Agriculture.
18d. Mining Engineering.		19e. Money and Credit.
19d. Commerce and Exchange.		23a. Educational Theory.
20d. Colonial Administration.		20c. Municipal Administration.
21c. Constitutional Law.		4c. Comparative Law.
23d. The University.		24d. Religious Work.
Adjournment at	1 P. M.	6 P. M.

(Slight changes in detail may become necessary, and will be incorporated in revised editions.)





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